

INTERNATIONAL SEARCH REPORT

International Application No

/GB2004/002878

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61M5/145

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 425 716 A (MATSUBARA KAZUO ET AL) 20 June 1995 (1995-06-20) column 5, line 37 -column 6, line 24; figure 3	1-8
X	US 4 838 857 A (EDWARDS FLOYD V ET AL) 13 June 1989 (1989-06-13) column 5, line 46 -column 6, line 24; figure 4	1-8
A	EP 0 354 852 A (TERUMO CORP) 14 February 1990 (1990-02-14) figure 3	1
A	EP 0 388 102 A (BOC GROUP PLC) 19 September 1990 (1990-09-19) abstract; figures 1-6	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

30 August 2004

Date of mailing of the international search report

06/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Krassow, H

INTERNATIONAL SEARCH REPORT

International Application No

/GB2004/002878

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5425716	A	20-06-1995	JP 2007162 C	11-01-1996
			JP 5042210 A	23-02-1993
			JP 6036824 B	18-05-1994
			JP 1914783 C	23-03-1995
			JP 5042211 A	23-02-1993
			JP 6036825 B	18-05-1994
			JP 2007163 C	11-01-1996
			JP 5042212 A	23-02-1993
			JP 6036828 B	18-05-1994
US 4838857	A	13-06-1989	NONE	
EP 0354852	A	14-02-1990	JP 2046860 A	16-02-1990
			JP 2717808 B2	25-02-1998
			DE 68911618 D1	03-02-1994
			DE 68911618 T2	07-04-1994
			EP 0354852 A2	14-02-1990
			US 4988337 A	29-01-1991
EP 0388102	A	19-09-1990	EP 0388102 A2	19-09-1990